Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 29 Jul 2021 until 23:59 on Friday 30 Jul 2021

Forecast Issued on Wednesday 28 Jul 2021 at 14:33

Confidence: High confidence for the unsettled regime throughout the period, but low for shower details, especially for heavy showers or thunderstorms.

Headline for Thursday 29 Jul 2021: Unsettled, with further heavy and possibly thundery showers.

Mountain weather hazards on Thursday 29 Jul 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain showers (night)	Light rain showers (night)	Cloudy	Sunny intervals	Light rain showers	Light rain showers	Cloudy
Precipitation probability							
80%	40%	40%	20%	10%	30%	30%	10%

Forecast for Thursday 29 Jul 2021

Weather: Cloudy and breezy with further rain or showers overnight. Rain clearing by Thursday morning to give way to some bright or sunny spells. Further showers are likely to develop in the afternoon, these are likely to be heavy and possibly thundery at times. Rather breezy, with strong winds and locally gusty on the summits. Any showers will tend to ease during the evening, although it will stay rather cloudy.

Chance of cloud free mountain/hill tops above 600m: 30% chance during the morning, increasing to 80% chance in the afternoon, reducing to 600m or so in any showers during the afternoon.

Visibility: Very good, with distant hills clearly visible, but occasionally moderate or poor in rain, with cloud lowering to 600m or so at times.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 29 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/31 W	22/29 W	23/31 SW	26/35 W	26/36 W	25/36 W	21/31 W	17/25 W	14/21 SW
300	20/29 W	18/26 SW	17/24 SW	20/30 W	20/30 W	19/29 W	15/23 W	11/18 SW	9/15 SW
Valley	14/28 W	12/25 W	11/23 SW	15/30 W	15/31 W	15/30 W	11/24 W	8/18 W	6/14 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/5	8/4	10/5	11/6	11/7	11/8	11/8	10/7
300	11/7	10/7	10/7	13/9	14/10	14/11	14/11	13/11	12/11
Valley	11/9	11/9	11/9	13/10	14/11	14/12	14/12	14/12	13/12
Freezing Level*	2000m	2000m	1800m	2000m	2300m	2400m	2500m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some temporary hazardous conditions in any heavy showers or thunderstorms, with possible lightning strikes, and flooded watercourses.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 27 Jul 2021	0.4mm	4.2mm	17.2mm

Forecast for Friday 30 Jul 2021

Weather: Largely dry and cloudy start, although soon brightening up. There will be a mixture of sunny spells and scattered showers during the afternoon. Some of the showers are likely to be heavy and possibly thundery at times. Any showers will gradually ease in the evening, with bright/clear spells developing.

Maximum wind: West to southwesterly 15-20mph gusting 25-30mph at first, becoming west-northwesterly 15-20mph gusting 20-25mph during the day.

Chance of cloud free mountain/hill tops above 600m: 30% chance in the morning, increasing to 80% chance during the afternoon, but lowering to 600m at times, especially in any heavy showers.

Visibility: Mostly good or very good, with distant hills clearly seen. Moderate or poor at times, especially in any heavy showers.

Temperature: **Valleys:** Plus 13 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 10 Celsius, becoming Plus 13 Celsuis.
Freezing level: Above the summits.

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